

Prateek Barve

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PROFESSIONAL SUMMARY

With over 8 months of experience in data analysis, I have honed my skills across diverse industries working with Consulting and Non-Profits organizations. Proficient in SQL, Python, and Tableau, I specialize in extracting actionable insights from large datasets to drive strategic decision-making.

SKILLS

Technical: Data analytics, Data Visualization, Model Development, Machine Learning (Deep Learning, Regression)

Languages: Excel, SQL(Postgre), Python(Jupyter, Pandas, Matplotlib, Tidyverse), Tableau, R(dplyr, ggplot), Power BI

Agile Frameworks: Basic understanding of Scrum, Zenhub, Kanban, Asana

Soft Skills: Problem solving, Analytical skills, Data Storytelling, Interpersonal skills, Powerpoint

PROJECT EXPERIENCE

Data Analysis- Google Capstone Project, Salifort Motors

Mar 2024- Apr 2024

- **Data Preprocessing:** Employed advanced data preprocessing techniques using Python to impute missing values for the KPI, ensuring data accuracy for analysis.
- **Data-Driven Insights:** Identified high employee turnover trends by generating insightful visualizations using Python, revealing that employees were overworked by an average of 167 hours per month.
- **Regression Analysis:** Developed a decision tree ML model using Python to boost the accuracy of identifying turnover rate by 89%.

Web Scraper

Mar 2023- May 2023

- **Data Scraping:** Performed web scraping and sentiment analysis using Python and Beautiful Soup libraries to analyze potential buying opportunities for the client, creating a comprehensive database of 30 companies.

Blue Bikes

Nov 2022- Dec 2022

- **Data Visualisation:** Designed a dashboard using Tableau to identify key locations out of 200 bike stations, discovering a 20% surge increase in customer foot-traffic for bike stations closer to the T station.

Olist, Brazilian E-commerce marketplace

Oct 2022- Nov 2022

- **E-commerce Analytics:** Conducted analysis of the best selling product of a 100k e-commerce dataset, uncovering a 25% higher purchasing frequency.
- **Reporting:** Crafted a 5-page report consolidating 3 visualizations to ensure easier interpretation for the non-technical stakeholders.

Bike Share Demand Analysis, Machine Learning

Sept 2022- Dec 2022

- **Data Imputation:** Utilized data-preprocessing techniques using R to impute missing values for ridership based on 28 variables.
- **Predictive Analysis:** Employed 3 Machine Learning Models using R to predict the total ridership based on 28 variables, achieving a 100% increase in KPI compared to benchmark.

Wayfair, E-Commerce Site

Sept 2022- Oct 2022

- **EDA:** Performed EDA for a 10k row e-commerce A/B test dataset making 4 visualizations using Tableau to detect patterns in the data.
- **A/B Testing Analysis:** Engineered a bar chart using Tableau, uncovering guaranteed deliveries revenue to be 15% more than non-guaranteed delivery.

WORK EXPERIENCE

Seed Consulting Group, San Francisco, CA

Mar 2024- Present

Analytics Consultant

- **Cross-functional Collaboration and Analytics:** Analyzed funding opportunities with a dedicated scrum team of 4 consultants within the \$5,000- \$25,000 threshold for a client.
- **Data Management:** Formed a comprehensive database of 25 companies using notion to assist the client in securing funding for sustainability projects.
- **Strategic planning:** Formulated strategic solutions resulting in a 15% increase in brand awareness, elevating the company's market presence.

G.I. Junk Removal, Portland, OR

Jan 2023- May 2023

Data Analyst

- **Data Quality:** Improved data processing and modeling with R and Excel, resulting in a 20% reduction in data retrieval time and a 35% increase in data quality.
- **Data Analytics:** Analyzed sales cycle data to identify 2 key drop-off points and recommended 4 actionable insights to the client to improve conversion rates at those points.
- **Agile Methodologies:** Employed Agile methodologies using Kanban and Scrum to ensure timely project delivery.

EDUCATION

Babson College, F.W. Olin Graduate School Of Business - Boston, MA

Aug 2022- Dec 2023

Master of Science in Business Analytics (STEM)

Awards: Olin MSBA Scholarship (Merit-based award)

Relevant Courses: Machine Learning and Deep Learning, Business with AI, Advanced Programming

NMIMS University - Mumbai

Jul 2017- Apr 2022

Bachelor of Technology in Mechanical Engineering

Relevant Courses: Project Management, Programming Languages, Supply chain